K-SynC P2UE *Product/Green Sheet*

Ad-Hoc SimulCharge Adapter for Mobile Devices

The K-SynC P2UE provides an ad hoc SimulCharge Mode for USB-C mobile devices that are incompatible with LAVA's standard COTS adapters. SimulCharge provides simultaneous charging and access to data but requires that the USB-C PD specification be implemented on the tablet to work with USB-C tablets. In contrast, the P2UE charges and provides access to data in intervals, making the adapter compatible with any USB-C mobile device capable of OTG.

The adapter comes with Power over Ethernet (PoE), Ethernet and two USB-A ports for peripherals. Its PCB needs to be wired to an external control box or button, which can send a signal to the adapter. When the signal is turned on, the mobile device goes into OTG mode, giving access to Ethernet and the peripherals. When the signal stops, the mobile device will switch into a charge-only mode (default) to recharge the battery.

The adapter's 10/100-capable Ethernet port provides both a reliable wired network connection power to the device through PoE. No separate electrical cable is required for setup. The adapter can also be installed up to 328 ft (100 m) from the network switch, providing more freedom for tablet placement.

The K-SynC P2UE's two USB-A ports allow for peripherals, such as a printer and scanner, to be added. The adapter is ideal for commercial kiosk implementations where the mobile device can be used during the day and left to charge overnight.

*The mobile device can also be powered through the adapter's USB-C port, which is rated for the standard 5 volts at 2 amps.